SERVICE BULLETIN

KODAK X-OMAT Processor

Eastman Kodak Company, Health Imaging, Rochester, New York 14650

SERVICE BULLETIN NO. 250

October 1996

3058 *KODAK X-OMAT* Multiloader 300
3059 *KODAK X-OMAT* 270 RA Processor
3198 *KODAK X-OMAT* 180 LPS Processor
3227 *KODAK X-OMAT* 180 LP Processor
3133 *KODAK* M35-AM *X-OMAT* Processor
3408 *KODAK* M35-M *X-OMAT* Processor

New Type 1 Required Modification Kit Available:

Modification No. 35 for the *Kodak X-Omat* Multiloader 300
Modification No. 21 for the *Kodak X-Omat* 270 RA Processor
Modification No. 8 for the *Kodak X-Omat* 180 LP and 180 LPS Processors

The purpose of the Modification is to improve the reliability of the Processor by:

- Minimizing the possibility of corrosion of the electrical connectors by moving the connections for the DRYER THERMISTOR and the DRYER OVER-TEMPERATURE THERMOSTAT to the outside of the TANK.
- Reducing the possibility of dilution of the fixer by installing a new YOKE ASSEMBLY which more accurately directs the water into the FIXER/WASH CROSSOVER TROUGH ASSEMBLY.
- Eliminating corrosion of the SPROCKETS in the DRYER RACK by installing plastic SPROCKETS.

Processor	Serial Number Range
Kodak X-Omat Multiloader 300	101 - 1499 (Serial Number is for the Processor)
Kodak X-Omat 270 RA Processor	ALL
Kodak X-Omat 180 LP Processor	101 - 3399
Kodak X-Omat 180 LPS Processor	10,001 - 13,199

Modification Kit, Part No. 9B8368, is now available from Service Parts Management. This kit will be available at no charge for a period of 6 months.

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- In order to install this Modification, you will need the following tools:

  Wire Crimping Tool TL-2020 (or the equivalent)

  Wire Stripping Tool TL-2275 (or the equivalent)

Caution

Some of the existing SPROCKETS may be so corroded that you could cause damage to the SHAFT of the SQUEEGEE DRIVE ROLLER when you remove the SPROCKET.

To avoid another service call and lost time, have a new SQUEEGEE DRIVE ROLLER with you.
The part numbers are:

Processor	Part Number
Kodak X-Omat Multiloader 300	1C0985
Kodak X-Omat 270 RA Processor	
Kodak X-Omat 180 LP Processor	8B7110
Kodak X-Omat 180 LPS Processor	

Note

Both Part Numbers sub to Kit No. 9B8087. The Kit includes the new improved SQUEEGEE ROLLER, Part No. 8B7110, and the parts and instructions to install it.

New TANK and New Publications for the *Kodak X-Omat* 270 RA Processor in the *Kodak X-Omat* Multiloader 300

Starting with Processor, serial number 1301, all *Kodak X-Omat* 270 RA Processors in the *Kodak X-Omat* Multiloader 300, have a new style TANK and an improved wash system. This is the same TANK and wash systems that is used in the *Kodak X-Omat* 3000 RA Processor, and was recently introduced into the *Kodak X-Omat* 180 LP and 180 LPS Processors (see Service Bulletin No. 239). As with the 180 LP and 180 LPS Processors, this TANK and wash system are not meant to be retrofitted into existing Processors in the field.

The updated Parts List, IP3058-2, dated 5/96 which supersedes IP3058-2, dated 3/94 covers the new TANK and associated parts as well as general updates for the *Kodak X-Omat* 270 RA Processor in the *Kodak X-Omat* Multiloader 300. Please scrap any old stock and replace it with IP3058-2, dated 5/96. This is especially important for customers who order a Parts List for a Processor with a serial number greater than 1300.

New Smooth GUIDE SHOES Available for the *Kodak X-Omat* 270 RA Processor and the *Kodak* M35-M, M35A-M *X-Omat* Processors

In applications where film is run emulsion side down, the developer turnaround GUIDE SHOES can put + density marks ('tic' marks) on the edges of the film. In Mammography applications, these artifacts are objectionable because the edge of the film is part of the image area. SMOOTH GUIDE SHOES, which are interchangeable with the existing GUIDE SHOES, have been designed to significantly reduce these artifacts.

As announced in Service Bulletin No. 244, *Kodak Min-R* 2000 Film may exhibit non-uniform development in *Kodak* M35A-M *X-Omat* or *Kodak* M35-M *X-Omat* Processors. This non-uniform pattern can be reduced by processing the film emulsion side down. If marks from the GUIDE SHOES appear on *Kodak Min-R* 2000 Film, obtain a SMOOTH GUIDE SHOE Kit through your Kodak Sales Representative.

In the *Kodak X-Omat* 270 RA Processor in a *Kodak X-Omat* Multiloader 300 and in the *Kodak* M35-M *X-Omat* or *Kodak* M35A-M *X-Omat* Processor with a Mini-Loader (Europe only), mammography film is always run emulsion side down. Therefore, these GUIDE SHOES are now available separately as a service part for these Processors.

It is strongly recommended that the Installation Instructions be used in order to ensure proper orientation and adjustment of these GUIDE SHOES.

The following Part Numbers, for the individual SMOOTH GUIDE SHOE and Instructions are available through Service Parts Management:

Processor	Part Number	Installation Instructions
Kodak X-Omat 270 RA Processor in a *Kodak X-Omat* Multiloader 300	8B6559	9B8336
Kodak M35-M *X-Omat* or *Kodak* M35A-M *X-Omat*	5B6445	9B8335

Modification Kits Updated:

Modification No. 29 for the *Kodak X-Omat* Multiloader 300
Modification No. 19 for the *Kodak X-Omat* 270 RA Processor
Modification No. 7 for the *Kodak X-Omat* 180 LP Processor

Effective June 20, 1996, the FLOW CONTROL (Dole) VALVE in this kit was changed from a ¾ Gallon Per Minute (gpm) to a ½ gpm VALVE to reduce the amount of splashing at the water inlet on the WASH RACK. If you are experiencing splashing problems or fixer dilution after installing the above Modifications with the ¾ gpm VALVE, order the ½ gpm FLOW CONTROL VALVE, Part No. 5B6630.

Note

The following Type 1 Required Modification must already be installed on the Processor when ½ gpm FLOW CONTROL VALVE is used, or developer cooling problems may occur:

Processor	Modification No.	Part No.
Kodak X-Omat Multiloader 300	27	5B6766
Kodak X-Omat 270 RA Processor	18	5B6766
Kodak X-Omat 180 LP Processor	6	5B6770

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For More Information:

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Health Imaging
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1-800-336-4722

CES Personnel Contact:
Film Handling TAC
U.S.: 1-800-822-1414
Canada: 1-800-433-1414
International: 716-724-4675

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